Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
Data File : BN025528.D
Acq On : 20 May 2023 17:41
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

Quant Time: May 22 02:00:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 22 01:54:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.070	152	5120	0.400	ng		0.00
7) Naphthalene-d8	10.889	136	15283	0.400	ng		0.00
13) Acenaphthene-d10	14.694	164	9088	0.400	ng		-0.01
19) Phenanthrene-d10	17.435	188	19905	0.400	ng		# 0.00
29) Chrysene-d12	21.616	240	13512	0.400	ng		# 0.00
35) Perylene-d12	24.144	264	11243	0.400	ng		# 0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.607	112	5745	0.497	ng		0.00
5) Phenol-d6	7.218	99	7347	0.495	ng		0.00
8) Nitrobenzene-d5	9.234	82	6028	0.494	ng		0.00
11) 2-Methylnaphthalene-d10	12.468	152	10413	0.490	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	1669	0.471	ng		0.00
15) 2-Fluorobiphenyl	13.326	172	17769	0.511	ng		-0.01
27) Fluoranthene-d10	19.465	212	21362	0.465	ng		0.00
31) Terphenyl-d14	20.049	244	12551	0.523	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.455	88	2691	0.515	ng		99
3) n-Nitrosodimethylamine	3.787	42	2869	0.498	ng	#	94
6) bis(2-Chloroethyl)ether	7.485	93	7385	0.512	ng		98
9) Naphthalene	10.942	128	19418	0.499	ng		100
10) Hexachlorobutadiene	11.230	225	3422	0.463	ng	#	99
12) 2-Methylnaphthalene	12.540	142	13886	0.494	ng		99
16) Acenaphthylene	14.416	152	20455	0.493	ng		100
17) Acenaphthene	14.758	154	14178	0.518	ng		100
18) Fluorene	15.735	166	17557	0.519	ng		99
20) 4,6-Dinitro-2-methylph...	15.809	198	2134	0.516	ng	#	76
21) 4-Bromophenyl-phenylether	16.628	248	5738	0.490	ng	#	90
22) Hexachlorobenzene	16.740	284	5185	0.474	ng		96
23) Atrazine	16.889	200	4390	0.460	ng	#	95
24) Pentachlorophenol	17.088	266	2332	0.422	ng		100
25) Phenanthrene	17.485	178	29567	0.507	ng		100
26) Anthracene	17.572	178	27125	0.497	ng		100
28) Fluoranthene	19.494	202	31480	0.475	ng		100
30) Pyrene	19.852	202	31364	0.582	ng		100
32) Benzo(a)anthracene	21.607	228	25338	0.518	ng		99
33) Chrysene	21.661	228	25761	0.531	ng		99
34) Bis(2-ethylhexyl)phtha...	21.527	149	15103	0.524	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.781	276	20238	0.445	ng		98
37) Benzo(b)fluoranthene	23.366	252	22556m	0.541	ng		
38) Benzo(k)fluoranthene	23.419	252	22658	0.531	ng		97
39) Benzo(a)pyrene	24.024	252	19563	0.498	ng	#	93
40) Dibenzo(a,h)anthracene	26.807	278	16393	0.450	ng		96
41) Benzo(g,h,i)perylene	27.591	276	16434	0.428	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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